

Catalog of Postgraduate Programs and Curricula

Curriculum for MSc(BIOT) (For students admitted in 2010-11)

Program Requirements for Master of Science (MSc) Program in Biotechnology

Credits

To complete a **minimum of 26 credits**, including:

- 14 credits of required courses;
- 9 credits of elective courses; and
- 3 or 4 credits of project courses.

Courses

1. Four required courses (14 credits):

BTEC	521	<i>Principles and Applications in Biotechnology</i>
BTEC	522	<i>Business Operations of Biotechnology</i>
BTEC	526	<i>Bioanalytical Technology</i>
BTEC	576	<i>Concepts in Bioprocessing</i>

2. Three of the following elective courses (9 credits):

BISC	338*	<i>Pharmacology and Toxicology</i>
BTEC	538	<i>Drug Discovery and Development</i>
BTEC	555	<i>Nutraceuticals and Transgenic Products</i>
BTEC	563	<i>Recombinant DNA Technology and Bioproducts</i>

3. One of the following project courses (3 or 4 credits):

BTEC	690	<i>Case Investigation in Biotechnology</i>
BTEC	693 [#]	<i>Directed Biotechnological Research</i>

* *BISC 338 is only for students who can attend day-time courses on weekdays.*

[#] *MSc students, who can participate in day-time laboratory work, are allowed to take BTEC 693, which is a research project in the area of biotechnology under the supervision of a faculty member.*